

KUDU Power Units

Your Complete Open or Enclosed Unit

One Power Unit With Many Possibilities

- Total fluid containment
- Meets EUB environmental standards
- Available in Electric and Hydraulic

Bringing solutions to the surface since 1989.



Power Up

KUDU offers a range of Power Units from basic open skid to enclosed fully equipped for single or multiple, electric or hydraulic well sites. The enclosed unit's unique airflow design circulates clean filtered air, eliminating overheating concerns and costly well shutdowns. The climate control feature makes sure the enclosure's temperature is always just right.

Durable Power Unit construction ensures long life and reliability. The efficient layout provides room to work and add accessories such as a gas scrubber or a VFD.

The fluid containment protects against environmental spillage and the optional sound attenuation package provides noise control. Units are tested and proven in temperatures in excess of 45°C (113°F) and below -40°C (-40°F).



- ① Flow-through Design (*prevents over-heating*)
- ② Full Access Doors (*multiple-doors*)
- ③ Welded Steel Skid Floor (*containment of fluid leaks*)
- ④ 12V Lighting (*excellent visibility*)
- ⑤ Sound Attenuation (*optional*)
- ⑥ Long Life (*solid construction*)
- ⑦ Ease of Use (*minimal set-up and ease of maintenance*)
- ⑧ Optional Interior Climate Control



Control Panel

Open Skid

Automated Optimization

KUDU enclosed Power Units have room for added components.



KUDU's manufacturing and distribution systems are ISO 9001:2000 registered.

Options

KUDU provides additional features to ensure your operation has the perfect open or enclosed Power Unit. Contact a KUDU representative and have our experienced technical team put together an optimal unit to suit all your operation's needs.

Sound Attenuated

The unit is constructed with sound insulated walls and a hospital grade silencer. The KUDU sound package surpasses the EUB standards Noise Control Directive for rural locations (35 dBA @ 400m).

Fuel Delivery Options

Connect the unit for use with natural gas or propane. It can also be fitted with an optional scrubber package for fuel flexibility.

Upgraded Engine Oil Filtration

Extend your oil change intervals with a Luberfiner™.

Engine Displacements

Ensuring your operation receives the right amount of horsepower, unit engines are available in 3.0L GM™, 4.3L GM™, 5.7L GM™, 8.1L GM™, 5.9L Cummins™ and 8.3L Cummins™.

GENSET Configuration

Available for standby electrical power or pre-service power.

Tandem Pump Configuration

Fit the unit with two hydraulic pumps to operate up to four wellheads.

Heat Trace System

Package includes centrifugal booster pump, valves and quick connectors.

Climate Control

The computerized Climate Control System monitors the enclosure's temperature and takes action if the temperature goes lower or higher than specified levels. This option is very useful for severe cold conditions.

Control Panel

The user friendly readable Control Panel is armed with various parametric checks. If the parameter goes off the specified limits, it shuts down the unit or gives a readable alarm.

Safety Features

- Two full access doors with panic bars comply with Occupational Health and Safety Standards for both Alberta and Saskatchewan.
- 12V lighting for excellent visibility.
- Unit is equipped with a fuel shut-off valve to meet with CSA B149.1 Natural Gas and Propane Installation Code.

KUDU's Complete PCP System

KUDU provides the perfect fit for any environment with Pumps, Driveheads and Power Units engineered to handle the most demanding applications. KUDU's Progressing Cavity Pump delivers a consistent head capacity with no pulsations and superior sand lifting capability. Ranging from 40 to 200 horsepower, KUDU Driveheads have proven performance in heavy to light oil, dewatering and coal bed methane operations.

Contact a KUDU representative for a customized system designed for optimal well performance.





KUDU Power Units

Natural Gas Engines

Manufacturer	Displacement (L)	Engine Power (HP)*	Electrical Power (kW)	Hydraulic Power (HP)
GM™	3.0	45	26	34
GM™	4.3	56	33	42
GM™	5.7	75	45	57
GM™	8.1	99	59	75
Cummins™	5.9	84	50	63
Cummins™	8.3	99	59	75

* All engines rated under standard conditions at 1800 rpm for continuous duty as per manufacturer's ratings.

- HP refers to the amount of horsepower at the flywheel
- kW ratings are at 0.8 Power Factor Correction
- Custom units available upon request

Standard hydraulic pump supplies 35 gal / min @ 3000 psi maximum hydraulic power.

All information is considered accurate and up to date at time of printing.
 KUDU reserves the right to amend the contents of this document at any time.
 KUDU does not warranty manufacturers claims.



Bonnyville 1-780-826-7179	Elk Point 1-780-724-2910	Kindersley 1-306-463-6440	Macklin 1-306-753-2950	Sedgewick 1-780-384-2177	Taber 1-403-223-1201	International 1-800-642-5519	KUDU Industries 9112 - 40th Street SE Calgary, AB Canada T2C 2P3 1-403-279-5838
Brooks 1-403-793-8080	Estevan 1-306-634-9966	Lloydminster 1-780-871-0660	Peace River 1-780-624-9510	Slave Lake 1-780-849-5650	Wabasca 1-780-891-1032		

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